

## ABSTRACT

A miter saw including a base, a table rotatably attached to the base, a saw assembly movable between a front position and a rear position, the saw assembly comprising a trunnion, a pivot arm pivotally attached to the trunnion, an upper blade guard connected to the pivot arm, a motor attached to the upper blade guard, and a blade driven by the motor, a support housing connected to one of the table and the saw assembly, at least one rail slidably connected to one of the table and the support housing, and a fence assembly attached to the base, the fence assembly comprising a fixed fence fixedly attached to the base, a movable fence movably connected to the fixed fence, the movable fence defining a first support plane, and an auxiliary fence disposed behind at least one of the fixed fence and the movable fence, the auxiliary fence defining a second support plane substantially parallel to the first support plane.